

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012053

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60K41/26 B60K23/08 B60G17/015		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B60K B60T		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 100 32 179 A1 (DAIMLERCHRYSLER AG) 17 January 2002 (2002-01-17) cited in the application the whole document	1
A	US 2003/130782 A1 (CHECK MICHAEL J ET AL) 10 July 2003 (2003-07-10) the whole document	1
A	DE 198 38 336 A1 (ROBERT BOSCH GMBH) 2 March 2000 (2000-03-02) abstract; figure 1	1
A	DE 101 36 258 A1 (DENSO CORP., KARIYA) 7 March 2002 (2002-03-07) abstract; figures 1,2	1
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the International filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the International search 2 February 2005		Date of mailing of the International search report 09/02/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 51 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Clasen, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012053

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10032179	A1	17-01-2002	DE 50101021 D1	08-01-2004
			WO 0202366 A1	10-01-2002
			EP 1198366 A1	24-04-2002
			ES 2210166 T3	01-07-2004
			JP 2004502581 T	29-01-2004
			US 2003120401 A1	26-06-2003
US 2003130782	A1	10-07-2003	NONE	
DE 19838336	A1	02-03-2000	WO 0010837 A1	02-03-2000
			EP 1037768 A1	27-09-2000
			JP 2002523276 T	30-07-2002
			US 6339739 B1	15-01-2002
DE 10136258	A1	07-03-2002	JP 2002036919 A	06-02-2002
			US 2002016659 A1	07-02-2002